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TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING   DATE: 11/22/2002
PATENT APPLICATION: US/09/424,091C   TIME: 12:56:25

Input Set : A:\#323923 v1 - 350013-66 Sequence Listing Revision.txt
Output Set: N:\CRF4\11222002\I424091C.raw

```
         2 <110> APPLICANT: Richard Andrew Kay
W-->     3 <120> TITLE OF INVENTION: Immunological method
W-->     4 <130> FILE REFERENCE: DUNW/P19095US
W-->     5 <140> CURRENT APPLICATION NUMBER: 09/424091C
C-->     6 <141> CURRENT FILING DATE: 1999-11-09
         7 <150> PRIOR APPLICATION NUMBER: GB 9710820.3
         8 <151> PRIOR FILING DATE: 1997-05-27
W-->     9 <160> NUMBER OF SEQ ID: 47
        10 <170> SOFTWARE: SeqWin99
W-->    11 <210> SEQ ID NO: 1
        12 <211> LENGTH: 20
        13 <212> TYPE: DNA
        14 <213> ORGANISM: Artificial Sequence
W-->    15 <220> FEATURE:
        16 <223> OTHER INFORMATION: UPS cloned sequence from mid TCRBC gene
W-->    17 <400> SEQUENCE: 1
        18 catcagaagc agagatctcc                                        20
        19 <210> SEQ ID NO: 2
        20 <211> LENGTH: 20
        21 <212> TYPE: DNA
        22 <213> ORGANISM: Artificial Sequence
W-->    23 <220> FEATURE:
        24 <223> OTHER INFORMATION: UPS cloned sequence from mid TCRBC gene
W-->    25 <400> SEQUENCE: 2
        26 gatgtcaagc tggtcgagaa                                        20
        27 <210> SEQ ID NO: 3
        28 <211> LENGTH: 18
        29 <212> TYPE: DNA
        30 <213> ORGANISM: Artificial Sequence
W-->    31 <220> FEATURE:
        32 <223> OTHER INFORMATION: 5' PCR Primer
W-->    33 <400> SEQUENCE: 3
        34 ctgaggtgca actactca                                          18
        35 <210> SEQ ID NO: 4
        36 <211> LENGTH: 24
        37 <212> TYPE: DNA
        38 <213> ORGANISM: Artificial Sequence
W-->    39 <220> FEATURE:
        40 <223> OTHER INFORMATION: 5' PCR Primer
W-->    41 <400> SEQUENCE: 4
        42 gtgttcccag agggagccat tgcc                                    24
        43 <210> SEQ ID NO: 5
        44 <211> LENGTH: 21
```

Does Not Comply
Corrected Diskette Needed

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Output Set: N:\CRF4\11222002\I424091C.raw

```
        45 <212> TYPE: DNA
        46 <213> ORGANISM: Artificial Sequence
W--> 47 <220> FEATURE:
        48 <223> OTHER INFORMATION: 5' PCR Primer
W--> 49 <400> SEQUENCE: 5
        50 ggtgaacagt caacagggag a                    21
        51 <210> SEQ ID NO: 6
        52 <211> LENGTH: 21
        53 <212> TYPE: DNA
        54 <213> ORGANISM: Artificial Sequence
W--> 55 <220> FEATURE:
        56 <223> OTHER INFORMATION: 5' PCR Primer
W--> 57 <400> SEQUENCE: 6
        58 acaagcatta ctgtactcct a                    21
        59 <210> SEQ ID NO: 7
        60 <211> LENGTH: 18
        61 <212> TYPE: DNA
        62 <213> ORGANISM: Artificial Sequence
W--> 63 <220> FEATURE:
        64 <223> OTHER INFORMATION: 5' PCR Primer
W--> 65 <400> SEQUENCE: 7
        66 ggccctgaac attcagga                        18
        67 <210> SEQ ID NO: 8
        68 <211> LENGTH: 20
        69 <212> TYPE: DNA
        70 <213> ORGANISM: Artificial Sequence
W--> 71 <220> FEATURE:
        72 <223> OTHER INFORMATION: 5' PCR Primer
W--> 73 <400> SEQUENCE: 8
        74 gtcactttct agcctgctga                       20
        75 <210> SEQ ID NO: 9
        76 <211> LENGTH: 21
        77 <212> TYPE: DNA
        78 <213> ORGANISM: Artificial Sequence
W--> 79 <220> FEATURE:
        80 <223> OTHER INFORMATION: 5' PCR Primer
W--> 81 <400> SEQUENCE: 9
        82 aggagccatt gtccagataa a                    21
        83 <210> SEQ ID NO: 10
        84 <211> LENGTH: 22
        85 <212> TYPE: DNA
        86 <213> ORGANISM: Artificial Sequence
W--> 87 <220> FEATURE:
        88 <223> OTHER INFORMATION: 5' PCR Primer
W--> 89 <400> SEQUENCE: 10
        90 ggagagaatg tggagcagca tc                    22
        91 <210> SEQ ID NO: 11
        92 <211> LENGTH: 21
        93 <212> TYPE: DNA
```

```
        94 <213> ORGANISM: Artificial Sequence
W--> 95 <220> FEATURE:
        96 <223> OTHER INFORMATION: 5' PCR Primer
W--> 97 <400> SEQUENCE: 11
        98 atctcagtgc ttgtgataat a                                    21
        99 <210> SEQ ID NO: 12
       100 <211> LENGTH: 24
       101 <212> TYPE: DNA
       102 <213> ORGANISM: Artificial Sequence
W--> 103 <220> FEATURE:
       104 <223> OTHER INFORMATION: 5' PCR Primer
W--> 105 <400> SEQUENCE: 12
       106 acccagctgg tggagcagag ccct                                 24
       107 <210> SEQ ID NO: 13
       108 <211> LENGTH: 21
       109 <212> TYPE: DNA
       110 <213> ORGANISM: Artificial Sequence
W--> 111 <220> FEATURE:
       112 <223> OTHER INFORMATION: 5' PCR Primer
W--> 113 <400> SEQUENCE: 13
       114 agaaagcaag gaccaagtgt t                                    21
       115 <210> SEQ ID NO: 14
       116 <211> LENGTH: 24
       117 <212> TYPE: DNA
       118 <213> ORGANISM: Artificial Sequence
W--> 119 <220> FEATURE:
       120 <223> OTHER INFORMATION: 5' PCR Primer
W--> 121 <400> SEQUENCE: 14
       122 cagaaggtaa ctcaagcgca gact                                 24
       123 <210> SEQ ID NO: 15
       124 <211> LENGTH: 19
       125 <212> TYPE: DNA
       126 <213> ORGANISM: Artificial Sequence
W--> 127 <220> FEATURE:
       128 <223> OTHER INFORMATION: 5' PCR Primer
W--> 129 <400> SEQUENCE: 15
       130 gcttatgaga acactgcgt                                       19
       131 <210> SEQ ID NO: 16
       132 <211> LENGTH: 20
       133 <212> TYPE: DNA
       134 <213> ORGANISM: Artificial Sequence
W--> 135 <220> FEATURE:
       136 <223> OTHER INFORMATION: 5' PCR Primer
W--> 137 <400> SEQUENCE: 16
       138 gcagcttccc ttccagcaat                                      20
       139 <210> SEQ ID NO: 17
       140 <211> LENGTH: 20
       141 <212> TYPE: DNA
       142 <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING   DATE: 11/22/2002
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Output Set: N:\CRF4\11222002\I424091C.raw

```
W--> 143 <220> FEATURE:
     144 <223> OTHER INFORMATION: 5' PCR Primer
W--> 145 <400> SEQUENCE: 17
     146 agaacctgac tgcccaggaa                                    20
     147 <210> SEQ ID NO: 18
     148 <211> LENGTH: 21
     149 <212> TYPE: DNA
     150 <213> ORGANISM: Artificial Sequence
W--> 151 <220> FEATURE:
     152 <223> OTHER INFORMATION: 5' PCR Primer
W--> 153 <400> SEQUENCE: 18
     154 catctccatg gactcatatg a                                  21
     155 <210> SEQ ID NO: 19
     156 <211> LENGTH: 19
     157 <212> TYPE: DNA
     158 <213> ORGANISM: Artificial Sequence
W--> 159 <220> FEATURE:
     160 <223> OTHER INFORMATION: 5' PCR Primer
W--> 161 <400> SEQUENCE: 19
     162 gactatacta acagcatgt                                     19
     163 <210> SEQ ID NO: 20
     164 <211> LENGTH: 18
     165 <212> TYPE: DNA
     166 <213> ORGANISM: Artificial Sequence
W--> 167 <220> FEATURE:
     168 <223> OTHER INFORMATION: 5' PCR Primer
W--> 169 <400> SEQUENCE: 20
     170 tgtcaggcaa tgacaagg                                      18
     171 <210> SEQ ID NO: 21
     172 <211> LENGTH: 26
     173 <212> TYPE: DNA
     174 <213> ORGANISM: Artificial Sequence
W--> 175 <220> FEATURE:
     176 <223> OTHER INFORMATION: Antisense 3' PCR primer
W--> 177 <400> SEQUENCE: 21
     178 aataggtcga gacacttgtc actgga                             26
     179 <210> SEQ ID NO: 22
     180 <211> LENGTH: 29
     181 <212> TYPE: DNA
     182 <213> ORGANISM: Artificial Sequence
W--> 183 <220> FEATURE:
     184 <223> OTHER INFORMATION: Antisense mid PCR primer
W--> 185 <400> SEQUENCE: 22
     186 cttgtcactg gatttagatc tctcagctg                          29
     187 <210> SEQ ID NO: 23
     188 <211> LENGTH: 30
     189 <212> TYPE: DNA
     190 <213> ORGANISM: Artificial Sequence
W--> 191 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 11/22/2002
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Output Set: N:\CRF4\11222002\I424091C.raw

```
      192 <223> OTHER INFORMATION: Antisense 5' PCR primer
W--> 193 <400> SEQUENCE: 23
      194 gtacacggca gggtcagggt tctggatatt                              30
      195 <210> SEQ ID NO: 24
      196 <211> LENGTH: 30
      197 <212> TYPE: DNA
      198 <213> ORGANISM: Artificial Sequence
W--> 199 <220> FEATURE:
      200 <223> OTHER INFORMATION: 5' PCR Primer
W--> 201 <400> SEQUENCE: 24
      202 aagagagagc aaaaggaaac attcttgaac                              30
      203 <210> SEQ ID NO: 25
      204 <211> LENGTH: 30
      205 <212> TYPE: DNA
      206 <213> ORGANISM: Artificial Sequence
W--> 207 <220> FEATURE:
      208 <223> OTHER INFORMATION: 5' PCR Primer
W--> 209 <400> SEQUENCE: 25
      210 gctgcaaggc cacatacgag caaggcgtcg                              30
      211 <210> SEQ ID NO: 26
      212 <211> LENGTH: 30
      213 <212> TYPE: DNA
      214 <213> ORGANISM: Artificial Sequence
W--> 215 <220> FEATURE:
      216 <223> OTHER INFORMATION: 5' PCR Primer
W--> 217 <400> SEQUENCE: 26
      218 aaaatgaaag aaaaaggaga tattcctgag                              30
      219 <210> SEQ ID NO: 27
      220 <211> LENGTH: 30
      221 <212> TYPE: DNA
      222 <213> ORGANISM: Artificial Sequence
W--> 223 <220> FEATURE:
      224 <223> OTHER INFORMATION: 5' PCR Primer
W--> 225 <400> SEQUENCE: 27
      226 ctgaggccac atatgagagt ggatttgtca                              30
      227 <210> SEQ ID NO: 28
      228 <211> LENGTH: 30
      229 <212> TYPE: DNA
      230 <213> ORGANISM: Artificial Sequence
W--> 231 <220> FEATURE:
      232 <223> OTHER INFORMATION: 5' PCR Primer
W--> 233 <400> SEQUENCE: 28
      234 cagagaaaca aaggaaactt ccctggtcga                              30
      235 <210> SEQ ID NO: 29
      236 <211> LENGTH: 30
      237 <212> TYPE: DNA
      238 <213> ORGANISM: Artificial Sequence
W--> 239 <220> FEATURE:
      240 <223> OTHER INFORMATION: 5' PCR Primer
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/22/2002
PATENT APPLICATION: US/09/424,091C   TIME: 12:56:26

Input Set : A:\#323923 v1 - 350013-66 Sequence Listing Revision.txt
Output Set: N:\CRF4\11222002\I424091C.raw

Use of <220> Feature(NEW RULES):
Sequence(s)__are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:47

VERIFICATION SUMMARY   DATE: 11/22/2002
PATENT APPLICATION: **US/09/424,091C**   TIME: 12:56:26

Input Set : **A:\#323923 v1 - 350013-66 Sequence Listing Revision.txt**
Output Set: **N:\CRF4\11222002\I424091C.raw**

```
L:3 M:283 W: Missing Blank Line separator, <120> field identifier
L:4 M:283 W: Missing Blank Line separator, <130> field identifier
L:5 M:283 W: Missing Blank Line separator, <140> field identifier
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:9 M:283 W: Missing Blank Line separator, <160> field identifier
L:11 M:283 W: Missing Blank Line separator, <210> field identifier
L:15 M:283 W: Missing Blank Line separator, <220> field identifier
L:17 M:283 W: Missing Blank Line separator, <400> field identifier
L:23 M:283 W: Missing Blank Line separator, <220> field identifier
L:25 M:283 W: Missing Blank Line separator, <400> field identifier
L:31 M:283 W: Missing Blank Line separator, <220> field identifier
L:33 M:283 W: Missing Blank Line separator, <400> field identifier
L:39 M:283 W: Missing Blank Line separator, <220> field identifier
L:41 M:283 W: Missing Blank Line separator, <400> field identifier
L:47 M:283 W: Missing Blank Line separator, <220> field identifier
L:49 M:283 W: Missing Blank Line separator, <400> field identifier
L:55 M:283 W: Missing Blank Line separator, <220> field identifier
L:57 M:283 W: Missing Blank Line separator, <400> field identifier
L:63 M:283 W: Missing Blank Line separator, <220> field identifier
L:65 M:283 W: Missing Blank Line separator, <400> field identifier
L:71 M:283 W: Missing Blank Line separator, <220> field identifier
L:73 M:283 W: Missing Blank Line separator, <400> field identifier
L:79 M:283 W: Missing Blank Line separator, <220> field identifier
L:81 M:283 W: Missing Blank Line separator, <400> field identifier
L:87 M:283 W: Missing Blank Line separator, <220> field identifier
L:89 M:283 W: Missing Blank Line separator, <400> field identifier
L:95 M:283 W: Missing Blank Line separator, <220> field identifier
L:97 M:283 W: Missing Blank Line separator, <400> field identifier
L:103 M:283 W: Missing Blank Line separator, <220> field identifier
L:105 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:283 W: Missing Blank Line separator, <220> field identifier
L:113 M:283 W: Missing Blank Line separator, <400> field identifier
L:119 M:283 W: Missing Blank Line separator, <220> field identifier
L:121 M:283 W: Missing Blank Line separator, <400> field identifier
L:127 M:283 W: Missing Blank Line separator, <220> field identifier
L:129 M:283 W: Missing Blank Line separator, <400> field identifier
L:135 M:283 W: Missing Blank Line separator, <220> field identifier
L:137 M:283 W: Missing Blank Line separator, <400> field identifier
L:143 M:283 W: Missing Blank Line separator, <220> field identifier
L:145 M:283 W: Missing Blank Line separator, <400> field identifier
L:151 M:283 W: Missing Blank Line separator, <220> field identifier
L:153 M:283 W: Missing Blank Line separator, <400> field identifier
L:159 M:283 W: Missing Blank Line separator, <220> field identifier
L:161 M:283 W: Missing Blank Line separator, <400> field identifier
L:167 M:283 W: Missing Blank Line separator, <220> field identifier
L:169 M:283 W: Missing Blank Line separator, <400> field identifier
L:175 M:283 W: Missing Blank Line separator, <220> field identifier
L:177 M:283 W: Missing Blank Line separator, <400> field identifier
```

VERIFICATION SUMMARY   DATE: 11/22/2002
PATENT APPLICATION: **US/09/424,091C**   TIME: 12:56:26

Input Set : **A:\#323923 v1 - 350013-66 Sequence Listing Revision.txt**
Output Set: **N:\CRF4\11222002\I424091C.raw**

L:183 M:283 W: Missing Blank Line separator, <220> field identifier
L:185 M:283 W: Missing Blank Line separator, <400> field identifier
L:191 M:283 W: Missing Blank Line separator, <220> field identifier
L:383 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:47, <213>
ORGANISM:Artificial sequence
L:383 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:47, <213>
ORGANISM:Artificial sequence
L:383 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:47,Line#:383